

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/642,272
Source: IFW
Date Processed by STIC: 7/7/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street,
Alexandria, VA 22314

Revised 01/24/05



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/642,272

DATE: 07/07/2005

TIME: 12:14:55

Input Set : A:\EP.txt

Output Set : N:\CRF4\07072005\J642272.raw

2 <110> APPLICANT: SUNTORY LIMITED
 3 SUNTORY BIOMEDICAL RESEARCH LIMITED
 W--> 4 <120> TITLE OF INVENTION: THERAPEUTIC METHODS AND AGENTS FOR DISEASES ASSOCIATED WITH
 W--> 5 DECREASED EXPRESSION OF AOP-1 GENE OR AOP-1
 W--> 6 <130> FILE REFERENCE: YCT-687
 C--> 7 <140> CURRENT APPLICATION NUMBER: US/10/642,272
 C--> 7 <141> CURRENT FILING DATE: 2003-08-18
 W--> 7 <160> NUMBER OF SEQ ID: 30

pp 1-6, 8

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

9 <210> SEQ ID NO: 1
 10 <211> LENGTH: 1542
 E--> 11 <212> TYPE: mRNA *invalid <212> response. The only valid responses are DNA or RNA. For a combined DNA/RNA sequence, use <212> DNA and explain in <220>-<223> section.*
 12 <213> ORGANISM: Homo sapiens
 OK-> 13 <400> SEQUENCE: 1

14	ctgaagatgg	cggctgctgt	aggacggttg	ctccgagcgt	cggttgcccg	acatgtgagt	60
15	gccattcctt	ggggcatttc	tgccactgca	gccctcaggc	ctgctgcatg	tggaagaacg	120
16	agcttgacaa	atattattgt	ttctggttcc	agtcaagcaa	aattattcag	caccagttcc	180
17	tcatgccatg	cacctgctgt	caccagcat	gcacctatt	ttaagggtac	agccgttgct	240
18	aatggagagt	tcaaagacct	aagccttgat	gactttaagg	ggaaatattt	ggtgcttttc	300
19	ttctatcctt	tggatttcac	ctttgtgtgt	cctacagaaa	ttgttgcttt	tagtgacaaa	360
20	gctaacgaat	ttcacgatgt	gaactgtgaa	gttgtcgcag	tctcagtgga	ttcccacttt	420
21	agccatcttg	cctggataaa	tacaccaaga	aagaatggtg	gtttgggcca	catgaacatc	480
22	gcactcttgt	cagacttaac	taagcagatt	tcccagagct	acggtgtgct	gttagaaggt	540
23	tctggtcttg	cactaagagg	tctcttcata	attgacccca	atggagtcac	caagcatttg	600
24	agcgtcaacg	atctcccagt	gggccgaagc	gtggaagaaa	ccctccgctt	ggtgaaggcg	660
25	ttccagtatg	tagaaacaca	tggaagaagc	tgcccagcga	actggacacc	ggattctcct	720
26	acgatcaagc	caagtccagc	tgcttccaaa	gagtactttc	agaaggtaaa	tcagtagatc	780
27	acctatgtgt	atctgcacct	tctcaactga	gagaagaacc	acagttgaaa	cctgctttta	840
28	tcattttcaa	gatgggttatt	tgtagaaggc	aaggaaccaa	ttatgcttgt	attcataagt	900
29	attactctaa	atgttttgtt	tttgtaattc	tggtcaggac	cttttaaaca	tggttagttg	960
30	ctagtacagg	aatcgtttat	tggtaacatc	ttggtggctg	gctagctagt	ttctacagaa	1020
31	cataatttgc	ctctatagaa	ggctattcct	agatcatgtc	tcaatggaaa	cactcttctt	1080
32	tcttagcctt	acttgaatct	tgccataaat	aaagtagagc	aacacacatt	gaaagcttct	1140
33	gatcaacggg	cctgaaattt	tcatcttgaa	tgtctttgta	ttaaaactgaa	ttttctttta	1200
34	agctaacaaa	gatcataatt	ttcaatgatt	agccgtgtaa	ctcctgcaat	gaatgtttat	1260
35	gtgattgaag	caaattgtgaa	tcgtattatt	ttaaaaagtg	gcagagtgc	ttaactgac	1320
36	atgcatgac	cctcatccct	gaaattgagt	ttatgtagtc	attttactta	ttttattcat	1380
37	tagctaactt	tgtctatgta	tatttctaga	tattgattag	tgtaatcgat	tataaaggat	1440
38	atttatcaaa	tccagggatt	gcattttgaa	attataatta	ttttctttgc	tgaagtattc	1500
39	attgtaaaac	atacaaataa	catatttaaa	caaaaaaaaaa	aa		1542

RAW SEQUENCE LISTING

DATE: 07/07/2005

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Input Set : A:\EP.txt

Output Set : N:\CRF4\07072005\J642272.raw

```

41. <210> SEQ ID NO: 2
42 <211> LENGTH: 1433
E--> 43 <212> TYPE: mRNA same error
44 <213> ORGANISM: Rattus norvegicus
W--> 45 <400> SEQUENCE: 2
46 gctatcgtgg ctcttcggtt ctctgaagat ggcggcagct gcgggaaggt tgctctggtc 60
47 ctcggtggct cggcctgcga gcactatatt cggagatt tctgcctcaa cagttcttag 120
48 gcctgttgct tctagaagaa cctgcttgac agacatgctg tggctgcct gtccecaagc 180
E--> 49 aaagtttgcg not line up
50 ttttagcacca gttcttcatt ccacacccct gctgtcacc agcatgcgcc 240
51 ccattttaaa ggtactgctg ttgtcaatgg agagttcaaa gagctgagtc tgcacgactt 300
52 taaggggaaa tacttggtgc tttcttctta ccctttggat ttcacatttg tgtgtcctac 360
53 agaaattggt gctttcagtg acaaagccaa tgagtttcat gacgtaaact gtgaagtagt 420
54 tgcggtttct gtggattccc acttcagtca tcttgccctg atcaacacgc caagaaagaa 480
55 tgggtggttg ggccacatga acatcacgct gttgtcggac ttaactaagc agatatcccg 540
56 agactacgga gtactgttg aaagtgtgg cattgcgctc agaggtctct tcattattga 600
57 ccctaattgt gtcacaaagc acctgagtg caatgacct ccggtgggccc gaagtgtgga 660
58 agaaccactc cgtttggtaa aggcgttcca gtttggtggag acccatggag aagtctgccc 720
59 acccaactgg acaccagagt cccctacgat caagccaagt ccaacagctt caaaagagta 780
60 ctttgagaag gtccatcaat aataggatcat cctatgtctg ctgggtttacc tgaagcttct 840
61 catgccaaaa gagagcccca gctggaatcc tgaagattat ttatagaatg gcaaaaacct 900
62 caccatgctt gtgtttataa gtactgtccc atgggctttg taattttaag acaggttcag 960
63 gttaaagggt gccagctcct tccatagctg tccttactag ggacttcttg atggctacca 1020
64 attctctaca agtgcttggt ccccatctt tagatcatgt cttcagaggg ttaagatttc 1080
65 ttagcctgcc ctgaagcttg gtctacagtg aagtagcaca tagcaccagt acttagtgaa 1140
66 atgaagtagc acatagcgcc agcacttagt gaaatgaagt agcatatagt gccagcactt 1200
67 agtgaaagct tctgatcaag gtctgaaat ttctcttgg atttttgtta attatgctga 1260
68 atttcccatt attttttagt gtagtcatta actcacagtg tccttggtgtg ttctaaggta 1320
69 ttgatgagtt ataatcatga aggactatgt ttctaaaaca ctatgtcatt ttcttttctt 1380
70 caagtgtggt atgtaaagaa taaaaataaa cattaagata aaaaaaaaaa aaa 1433
72 <210> SEQ ID NO: 3
73 <211> LENGTH: 1382
E--> 74 <212> TYPE: mRNA
75 <213> ORGANISM: mouse
W--> 76 <400> SEQUENCE: 3
77 ctactcctcg gtatctccgc ctatcgtgcc tcttgctgct tctgaagatg gcggcagctg 60
78 cgggaagggt gctctggctc tcggttgctc gtcattgcaag tgctatttcc cggagtattt 120
79 ctgcctcaac agttcttagg cctggttgct ctagaagaac ctggttgaca gacatactgt 180
80 ggtctgcctc tgcccaagga aagtcagcct ttagcaccag ttctctttc cacacccctg 240
81 ctgtcaccca gcacgcgcc tattttaaag gtactgctgt tgtcaatgga gagttcaaag 300
82 agctgagtc cgcgacttt aagggaatat acttggtgct tttcttctac cctttggatt 360
83 tcacatttgt gtgtcctaca gaaattgttg ctttcagtga caaagccaat gaatttcatg 420
84 atgtaaaact tgaagtagtt gcagtttcag tggattccca cttcagtcac cttgcctgga 480
85 tcaacacacc aagaaagaat ggtggtttgg gccacatgaa catcacactg ttgtcggata 540
86 taactaagca gatatcccga gactacggag tgctgttgga aagtgtggtc attgcactca 600
87 gaggtctctt cattattgac cctaattggt tcgtcaagca cctgagtgct aacgaccttc 660
88 cgggtgggccc cagtgtggaa gaaacactcc gtttggtaaa ggcgttccag tttgtagaga 720
89 cccatggaga agtctgccc gccaaactgga caccagagtc ccctacgatc aagccaagtc 780
90 caacagcttc caaagagtac tttgagaagg tccatcagta ggccatccta tgtctgcaat 840

```

RAW SEQUENCE LISTING

DATE: 07/07/2005

PATENT APPLICATION: US/10/642,272

TIME: 12:14:55

Input Set : A:\EP.txt

Output Set : N:\CRF4\07072005\J642272.raw

```

91 tacctgaagc ttttcaggcc aaaaaagagc cccagctgga atccttccaa tgccttgaag 900
92 attatttata gaatggcaaa acctcattat gtttgtgttt ataagtactg ctccacaggc 960
93 tttgtaattc taagacaggt tcaggctctc taaaggtggc tagctgcttc catagctgcc 1020
94 cttactaggg acttcttggg ggctaacc aa tctccccga gtgctttgcc cccatttctt 1080
95 ggatcatgtc ctttagaggg aagcattctt tcccttagcc tggcctgaac cttgggtctac 1140
96 agtgaagtag cacatagtg cagtacttgg tgaaatgaag tagcacatag caccagcact 1200
97 taatggaagc ttctgatcaa ggctcctaaa tttcctcttg aatttttgtg aattatgctg 1260
98 aatttccctt tttttttttt taaacagtgt ccttggtgtg tctgaggtat tgaagaggta 1320
99 taatcatgaa ggactatgtc taatccataa gtcattttct tcaagagctg gatatataga 1380
100 at 1382

```

218 <210> SEQ ID NO: 7

219 <211> LENGTH: 21

220 <212> TYPE: DNA

221 <213> ORGANISM: Artificial Sequence

W--> 222 <220> FEATURE:

W--> 222 <223> OTHER INFORMATION: *see p.8 for error explanation*

W--> 222 <400> SEQUENCE: 7

E--> 223 tgcagtttca gtggattccc a

225 <210> SEQ ID NO: 8

226 <211> LENGTH: 18

227 <212> TYPE: DNA

228 <213> ORGANISM: Artificial Sequence

W--> 229 <220> FEATURE:

W--> 229 <223> OTHER INFORMATION: *see p.8*

W--> 229 <400> SEQUENCE: 8

E--> 230 ttcattgtggc ccaaacca

232 <210> SEQ ID NO: 9

233 <211> LENGTH: 28

234 <212> TYPE: DNA

235 <213> ORGANISM: Artificial Sequence

W--> 236 <220> FEATURE:

W--> 236 <223> OTHER INFORMATION:

W--> 236 <400> SEQUENCE: 9

E--> 237 tcttgcttg atcaacacac caagaaag

239 <210> SEQ ID NO: 10

240 <211> LENGTH: 22

241 <212> TYPE: DNA

242 <213> ORGANISM: Artificial Sequence

W--> 243 <220> FEATURE:

W--> 243 <223> OTHER INFORMATION:

W--> 243 <400> SEQUENCE: 10

E--> 244 ccctctgctt gctgatgtga ct

246 <210> SEQ ID NO: 11

247 <211> LENGTH: 20

248 <212> TYPE: DNA

249 <213> ORGANISM: Artificial Sequence

W--> 250 <220> FEATURE:

W--> 250 <223> OTHER INFORMATION:

W--> 250 <400> SEQUENCE: 11

21 ← per sequence Rules, insert cumulative base total at right margin of each line

18 ← insert

28 ←

←

RAW SEQUENCE LISTING

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TIME: 12:14:55

Input Set : A:\EP.txt

Output Set: N:\CRF4\07072005\J642272.raw

E--> 251 cctgtaagcg atgccctcat ←
253 <210> SEQ ID NO: 12
254 <211> LENGTH: 29
255 <212> TYPE: DNA
256 <213> ORGANISM: Artificial Sequence
W--> 257 <220> FEATURE:
W--> 257 <223> OTHER INFORMATION:
W--> 257 <400> SEQUENCE: 12
E--> 258 agcttggtccc agaattacgg cgtgttgaa ←
260 <210> SEQ ID NO: 13
261 <211> LENGTH: 19
262 <212> TYPE: DNA
263 <213> ORGANISM: Artificial Sequence
W--> 264 <220> FEATURE:
W--> 264 <223> OTHER INFORMATION:
W--> 264 <400> SEQUENCE: 13
E--> 265 ggggatgaag agaggcatg ←
267 <210> SEQ ID NO: 14
268 <211> LENGTH: 18
269 <212> TYPE: DNA
270 <213> ORGANISM: Artificial Sequence
W--> 271 <220> FEATURE:
W--> 271 <223> OTHER INFORMATION:
W--> 271 <400> SEQUENCE: 14
E--> 272 gccacaccgt cctttcca ←
274 <210> SEQ ID NO: 15
275 <211> LENGTH: 23
276 <212> TYPE: DNA
277 <213> ORGANISM: Artificial Sequence
W--> 278 <220> FEATURE:
W--> 278 <223> OTHER INFORMATION:
W--> 278 <400> SEQUENCE: 15
E--> 279 tggagacctg ggcaatgtgg ctg ←
281 <210> SEQ ID NO: 16
282 <211> LENGTH: 17
283 <212> TYPE: DNA
284 <213> ORGANISM: Artificial Sequence
W--> 285 <220> FEATURE:
W--> 285 <223> OTHER INFORMATION:
W--> 285 <400> SEQUENCE: 16
E--> 286 acgggtgctc agcctcc ←
288 <210> SEQ ID NO: 17
289 <211> LENGTH: 18
290 <212> TYPE: DNA
291 <213> ORGANISM: Artificial Sequence
W--> 292 <220> FEATURE:
W--> 292 <223> OTHER INFORMATION:
W--> 292 <400> SEQUENCE: 17
E--> 293 aggttgtgc cctgcttc ←

RAW SEQUENCE LISTING

DATE: 07/07/2005

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TIME: 12:14:55

Input Set : A:\EP.txt

Output Set : N:\CRF4\07072005\J642272.raw

```

295 <210> SEQ ID NO: 18
296 <211> LENGTH: 25
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial Sequence
W--> 299 <220> FEATURE:
W--> 299 <223> OTHER INFORMATION:
W--> 299 <400> SEQUENCE: 18
E--> 300 cagcctgcac tgaggagatc cctca ←
302 <210> SEQ ID NO: 19
303 <211> LENGTH: 28
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial Sequence
W--> 306 <220> FEATURE:
W--> 306 <223> OTHER INFORMATION:
W--> 306 <400> SEQUENCE: 19
E--> 307 aaccgcgggc gtggtctctg cgttctct ←
309 <210> SEQ ID NO: 20
310 <211> LENGTH: 30
311 <212> TYPE: DNA
312 <213> ORGANISM: Artificial Sequence
W--> 313 <220> FEATURE:
W--> 313 <223> OTHER INFORMATION:
W--> 313 <400> SEQUENCE: 20
E--> 314 gcgctagctt attgatggac cttctcaaag ←
316 <210> SEQ ID NO: 21
317 <211> LENGTH: 20
318 <212> TYPE: DNA
319 <213> ORGANISM: Artificial Sequence
W--> 320 <220> FEATURE:
W--> 320 <223> OTHER INFORMATION:
W--> 320 <400> SEQUENCE: 21
E--> 321 ttacagattg ccgcctgctc ←
323 <210> SEQ ID NO: 22
324 <211> LENGTH: 20
325 <212> TYPE: DNA
326 <213> ORGANISM: Artificial Sequence
W--> 327 <220> FEATURE:
W--> 327 <223> OTHER INFORMATION:
W--> 327 <400> SEQUENCE: 22
E--> 328 ccagcagtgg aataaggcct ←
330 <210> SEQ ID NO: 23
331 <211> LENGTH: 25
332 <212> TYPE: DNA
333 <213> ORGANISM: Artificial Sequence
W--> 334 <220> FEATURE:
W--> 334 <223> OTHER INFORMATION:
W--> 334 <400> SEQUENCE: 23
E--> 335 aatcacgacc cactgcaagg aacca ←
337 <210> SEQ ID NO: 24

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RAW SEQUENCE LISTING

DATE: 07/07/2005

PATENT APPLICATION: US/10/642,272

TIME: 12:14:55

Input Set : A:\EP.txt

Output Set : N:\CRF4\07072005\J642272.raw

```

338 <211> LENGTH: 19
339 <212> TYPE: DNA
340 <213> ORGANISM: Artificial Sequence
W--> 341 <220> FEATURE:
W--> 341 <223> OTHER INFORMATION:
W--> 341 <400> SEQUENCE: 24
E--> 342 tgcaccacca actgcttag
344 <210> SEQ ID NO: 25
345 <211> LENGTH: 19
346 <212> TYPE: DNA
347 <213> ORGANISM: Artificial Sequence
W--> 348 <220> FEATURE:
W--> 348 <223> OTHER INFORMATION:
W--> 348 <400> SEQUENCE: 25
E--> 349 ggatgcaggg atgatgttc
358 <210> SEQ ID NO: 27
359 <211> LENGTH: 877
E--> 360 <212> TYPE: mRNA
361 <213> ORGANISM: Rattus norvegicus
W--> 362 <400> SEQUENCE: 27
363 gaattcggca cgagggctcgt ccgcgtgtcc ggctcttgcc cacgcagtcac tggcctccgg 60
364 caacgcgcac atcggaaagc ctgccctga cttcacgggc accgccgtgg tggatgggtgc 120
365 ctttaaggaa atcaagcttt cagactacag aggggaagtac gtggctcctct ttttctatcc 180
366 actggacttc acttttgttt gccccacgga gatcatcgct tttagcgacc acgctgagga 240
367 cttccgaaag ctaggetgcg aggtgctggg agtgtctgtg gactctcagt tcacccacct 300
368 ggcttgatc aataccccac ggaaggaggg aggcttgggc ccactgaata tccctctgct 360
369 tgctgatgtg actaaaagct tgtcccagaa ttacggcgtg ttgaaaaatg atgagggcat 420
370 cgcttacagg ggcctcttta tcatcgatgc caagggtgtc cttcgccaga tcacagtcaa 480
371 cgacctacct gtgggacgct ctgtagatga ggctctccgc ctctgccagg cctttcagta 540
372 tacagatgag catggggaag tctgtcctgc tggctggaag cccggcagtg acaccatcaa 600
373 acccaatgtg gatgacagca aggaatactt ctccaaacac aactgagatg ggtaaacatc 660
374 ggtgagcctg aatcccggat ctcacctgcg cccttacctg gatgtcctgt gctggcccag 720
375 aaaacgctag atcttctctt acattctaaa ggggctggag gctagggcga ggctttctca 780
376 ttacccacct ggaatctggt gaatagtga cctgccttga gcacaccag ctgggcccag 840
377 gtctatagga aaccaataaa gtattaggga cagtgtg 877
411 <210> SEQ ID NO: 29
412 <211> LENGTH: 560
E--> 413 <212> TYPE: mRNA
414 <213> ORGANISM: Homo sapiens
W--> 415 <400> SEQUENCE: 29
416 atggcgacga aggcctgtgt cgtgctgaag ggcgacggcc cagtgcaggg catcatcaat 60
417 ttcgagcaga aggaaagtaa tggaccagtg aagggtgtgg gaagcattaa aggactgact 120
418 gaaggcctgc atggattcca tgttcatgag tttggagata atacggcagg ctgtaccagt 180
419 gcaggctctc actttaatcc tctatccaga aaacacgggt ggccaaagga tgaagagagg 240
420 catgttggag acttgggcaa tgtgactgct gacaaagatg gtgtggccga tgtgtctatt 300
421 gaagattctg tgatctcact ctccaggagac cattgcatca ttggccgcac actggtgggtc 360
422 catgaaaaag cagatgactt gggcaaaggt ggaaatgaag aaagtacaaa gacaggaaac 420
423 gctggaagtc gtttggcttg tgggtgaatt gggatcgccc aataaacatt cccttggatg 480
424 tagtctgagg ccccttaact catctgttat cctgctagct gtagaaatgt atcctgataa 540

```

FYI: same exon in sequence 26

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/642,272

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Input Set : A:\EP.txt

Output Set: N:\CRF4\07072005\J642272.raw

425 acattaaaca ctgtaatctt

560

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/642,272

DATE: 07/07/2005
TIME: 12:14:56

Input Set : A:\EP.txt

Output Set: N:\CRF4\07072005\J642272.raw

error explanation
Use of <220> Feature (NEW RULES):

Sequence(s) __ are missing the <220> Feature and associated headings.

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

Seq#: 7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26

VERIFICATION SUMMARY

DATE: 07/07/2005

PATENT APPLICATION: US/10/642,272

TIME: 12:14:56

Input Set : A:\EP.txt

Output Set: N:\CRF4\07072005\J642272.raw

L:4 M:283 W: Missing Blank Line separator, <120> field identifier
 L:6 M:283 W: Missing Blank Line separator, <130> field identifier
 L:7 M:270 C: Current Application Number differs, Replaced Current Application No
 L:7 M:271 C: Current Filing Date differs, Replaced Current Filing Date
 L:7 M:283 W: Missing Blank Line separator, <160> field identifier
 L:11 M:310 E: (3) Wrong or Missing Sequence Type, TYPE:
 L:13 M:283 W: Missing Blank Line separator, <400> field identifier
 L:43 M:310 E: (3) Wrong or Missing Sequence Type, TYPE:
 L:45 M:283 W: Missing Blank Line separator, <400> field identifier
 L:49 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:190 SEQ:2
 L:74 M:310 E: (3) Wrong or Missing Sequence Type, TYPE:
 L:76 M:283 W: Missing Blank Line separator, <400> field identifier
 L:106 M:283 W: Missing Blank Line separator, <400> field identifier
 L:144 M:283 W: Missing Blank Line separator, <400> field identifier
 L:183 M:283 W: Missing Blank Line separator, <400> field identifier
 L:222 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:7, <213>
 ORGANISM:Artificial Sequence
 L:222 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:7, <213>
 ORGANISM:Artificial Sequence
 L:222 M:283 W: Missing Blank Line separator, <400> field identifier
 L:222 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:222
 L:223 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:7
 L:229 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:8, <213>
 ORGANISM:Artificial Sequence
 L:229 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:8, <213>
 ORGANISM:Artificial Sequence
 L:229 M:283 W: Missing Blank Line separator, <400> field identifier
 L:229 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:8,Line#:229
 L:230 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:18 SEQ:8
 L:236 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:9, <213>
 ORGANISM:Artificial Sequence
 L:236 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:9, <213>
 ORGANISM:Artificial Sequence
 L:236 M:283 W: Missing Blank Line separator, <400> field identifier
 L:236 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:9,Line#:236
 L:237 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:28 SEQ:9
 L:243 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:10, <213>
 ORGANISM:Artificial Sequence
 L:243 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:10, <213>
 ORGANISM:Artificial Sequence
 L:243 M:283 W: Missing Blank Line separator, <400> field identifier
 L:243 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:10,Line#:243
 L:244 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:22 SEQ:10
 L:250 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:11, <213>
 ORGANISM:Artificial Sequence
 L:250 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:11, <213>
 ORGANISM:Artificial Sequence
 L:250 M:283 W: Missing Blank Line separator, <400> field identifier
 L:250 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:11,Line#:250
 L:251 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:11
 L:257 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:12, <213>
 ORGANISM:Artificial Sequence
 L:257 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:12, <213>

ORGANISM:Artificial Sequence

L:257 M:283 W: Missing Blank Line separator, <400> field identifier

L:257 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:12,Line#:257

L:258 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:29 SEQ:12

L:264 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:13, <213>

ORGANISM:Artificial Sequence

L:264 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:13, <213>

ORGANISM:Artificial Sequence

L:264 M:283 W: Missing Blank Line separator, <400> field identifier

VERIFICATION SUMMARY

DATE: 07/07/2005

PATENT APPLICATION: US/10/642,272

TIME: 12:14:56

Input Set : A:\EP.txt

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L:264 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:13,Line#:264
L:265 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:13
L:271 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:14, <213>
ORGANISM:Artificial Sequence
L:271 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:14, <213>
ORGANISM:Artificial Sequence
L:271 M:283 W: Missing Blank Line separator, <400> field identifier
L:271 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:14,Line#:271
L:272 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:18 SEQ:14
L:278 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:15, <213>
ORGANISM:Artificial Sequence
L:278 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:15, <213>
ORGANISM:Artificial Sequence
L:278 M:283 W: Missing Blank Line separator, <400> field identifier
L:278 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:15,Line#:278
L:279 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:23 SEQ:15
L:285 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:16, <213>
ORGANISM:Artificial Sequence
L:285 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:16, <213>
ORGANISM:Artificial Sequence
L:285 M:283 W: Missing Blank Line separator, <400> field identifier
L:285 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:16,Line#:285
L:286 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:17 SEQ:16
L:292 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:17, <213>
ORGANISM:Artificial Sequence
L:292 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:17, <213>
ORGANISM:Artificial Sequence
L:292 M:283 W: Missing Blank Line separator, <400> field identifier
L:292 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:17,Line#:292
L:293 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:18 SEQ:17
L:299 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:18, <213>
ORGANISM:Artificial Sequence
L:299 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:18, <213>
ORGANISM:Artificial Sequence
L:299 M:283 W: Missing Blank Line separator, <400> field identifier
L:299 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:18,Line#:299
L:300 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:25 SEQ:18
L:306 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:19, <213>
ORGANISM:Artificial Sequence
L:306 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:19, <213>
ORGANISM:Artificial Sequence
L:306 M:283 W: Missing Blank Line separator, <400> field identifier
L:306 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:19,Line#:306
L:307 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:28 SEQ:19
L:313 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:20, <213>
ORGANISM:Artificial Sequence
L:313 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:20, <213>
ORGANISM:Artificial Sequence
L:313 M:283 W: Missing Blank Line separator, <400> field identifier
L:313 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:20,Line#:313
L:314 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:30 SEQ:20
L:320 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:21, <213>
ORGANISM:Artificial Sequence

L:320 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:21, <213>
ORGANISM:Artificial Sequence
L:320 M:283 W: Missing Blank Line separator, <400> field identifier
L:320 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:21,Line#:320
L:321 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:21
L:327 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:22, <213>
ORGANISM:Artificial Sequence
L:327 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:22, <213>
ORGANISM:Artificial Sequence
L:327 M:283 W: Missing Blank Line separator, <400> field identifier
L:327 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:22,Line#:327
L:328 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:22
L:334 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:23, <213>
ORGANISM:Artificial Sequence
L:334 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:23, <213>
ORGANISM:Artificial Sequence

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DATE: 07/07/2005

PATENT APPLICATION: US/10/642,272

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L:334 M:283 W: Missing Blank Line separator, <400> field identifier
L:335 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:25 SEQ:23
L:341 M:283 W: Missing Blank Line separator, <400> field identifier
L:342 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19 SEQ:24
L:348 M:283 W: Missing Blank Line separator, <400> field identifier
L:349 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:19^ SEQ:25
L:355 M:283 W: Missing Blank Line separator, <400> field identifier /
L:356 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:23 SEQ:26
L:360 M:310 E: (3) Wrong or Missing Sequence Type, TYPE:
L:362 M:283 W: Missing Blank Line separator, <400> field identifier
L:383 M:283 W: Missing Blank Line separator, <400> field identifier
L:413 M:310 E: (3) Wrong or Missing Sequence Type, TYPE:
L:415 M:283 W: Missing Blank Line separator, <400> field identifier
L:431 M:283 W: Missing Blank Line separator, <400> field identifier